

ABSTRACT OF THE DISCLOSURE

An air purifying apparatus for a fuel cell is provided on a flow route of air supplied to the fuel cell. The air purifying apparatus includes a first pollutant-removing means that oxidizes a pollutant in the air and a second pollutant-removing means that adsorbs and removes the pollutant. The first pollutant-removing means includes a catalyst that oxidizes the pollutant by means of oxygen in the air, and the catalyst has an oxidizing activity with respect to at least one selected from the group consisting of organic substances, nitrogen oxides, sulfur oxides, ammonia, hydrogen sulfide, and carbon monoxide. The first pollutant-removing means may include an ozone generator. The second pollutant-removing means adsorbs and removes the pollutant by means of a porous material carrying at least one selected from the group consisting of permanganates, alkali salts, alkaline hydroxides, and alkaline oxides.